## IN THE CLAIMS:

Please cancel claims 2, 5, 6, and 8 without prejudice or disclaimer; amend claims 1, 3, 4, and 7 as indicated below; and add claims 10-15 as follows:

1. (Currently amended) A method of producing TiC-transition metal\_based complex powder, comprising the steps of:

(a) preparing a raw material mixture [[of]] by dissolving or dispersing a Ti-containing material water-soluble salt, TiO(OH)<sub>2</sub> slurry or ultrafine titanium oxide powder, and a transition metal-containing water-soluble metal salt in water, followed by spray-drying to obtain precursor powder;

- (b) calcining the precursor powder to form ultra-fine ultrafine Ti-transition metal complex oxide powder;
- (c) mixing the ultra fine Ti-transition metal complex oxide powder with nano-sized carbon particles, followed by drying to obtain complex oxide powder; and
- (d) subjecting the dried complex oxide powder to reduction/carburization in a non-oxidizing atmosphere.
  - 2. (Cancelled)

- 3. (Currently amended) The method according to claim [[2]]

  1. wherein the content of the transition metal in the complex powder is in the range of 1 to 30 wt%.
- 4. (Currently amended) The method according to claim [[3]]

  1. wherein the calcinations calcination is performed at a temperature between 350 to 1000°C.
  - 5. (Cancelled)
  - 6. (Cancelled)
- 7. (Currently amended) The method according to claim 1, wherein the content of the transition metal in the complex powder is in the range selected from the group consisting of 1 to 30 wt% Fe, Ni, and Co.
  - 8. (Cancelled)
- 9. (Original) The method according to claim 1, wherein the reduction and carburization is performed by reduction at a temperature between 600°C to 1100°C and then reduction and carburization at a temperature between 1200°C to 1350°C.

- 10. (New) The method according to claim 1, wherein the Ticontaining water-soluble salt is used, which is TiCl<sub>3</sub>, and the transition metal-containing water-soluble metal salt is cobalt nitrate.
- 11. (New) The method according to claim 1, wherein the TiC-transition metal-based complex oxide powder is a TiC-Co complex powder.
- 12. (New) The method according to claim 11, wherein the TiC-Co complex powder has a particle size of from 50 nm to 300 nm.
- 13. (New) The method according to claim  ${\bf 1}$ , wherein the TiO(OH)<sub>2</sub> slurry is used, and the transition metal-containing, water-soluble metal salt is cobalt nitrate.
- 14. (New) The method according to claim 1, wherein the ultra fine titanium oxide powder is used, which is nano-sized  $TiO_2$ , and the transition metal-containing water-soluble metal salt is cobalt nitrate.
- 15. (New) The method according to claim 11, wherein said TiC-Co complex powder is TiC-15 wt% Co complex powder.

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- 16. (New) The method according to claim 1, wherein the transition metal consists essentially of Co.
- 17. (New) The method according to claim 1, wherein the steps are performed without ball-milling.
- 18. (New) The TiC-transition metal-based complex powder made by the process of Claim 1.
- 19. (New) The powder of claim  ${f 18}$  wherein the particle size of the powder is in the range of 50 nm to 300 nm.